

IFW

Application No. 10/783,386  
Filed: August 31, 2004  
Attorney Docket No. 4262-031384

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/783,386 Confirmation No. 6408  
Applicants : Larry F. Rhodes et al.  
Filed : February 20, 2004  
Title : Dissolution Rate Modifiers for Photoresist Compositions  
Group Art Unit : 1752  
Examiner : Not Yet Assigned  
Customer No. : 28289

**INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicant hereby submits this Information Disclosure Statement, which includes a completed Form PTO/SB/08A and copies of the non-patent literature documents cited therein. Copies of the cited United States patents are not required as this application was filed after June 30, 2003.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 31, 2004.

Ruth A. Walkup

(Typed Name of Person Mailing Paper)

*Ruth A. Walkup*  
Signature

08/31/2004  
Date

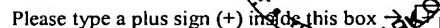
Application No. 10/783,386  
Paper Dated: August 31, 2004  
Attorney Docket No. 4262-031384

Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due for the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

By  \_\_\_\_\_  
Gary F. Matz  
Registration No. 45,504  
Agent for Applicants  
700 Koppers Building  
436 Seventh Avenue  
Pittsburgh, PA 15219-1818  
Telephone: (412) 471-8815  
Facsimile: (412) 471-4094  
E-mail: [webblaw@webblaw.com](mailto:webblaw@webblaw.com)



Approved for use through 10/31/2001. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/783,386
Filing Date	February 20, 2004
First Named Inventor	Larry F. Rhodes
Group Art Unit	1752
Examiner Name	Not Yet Assigned
Attorney Docket Number	4262-031384

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

{W0120726.1}

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2001. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/783,386
				Filing Date	February 20, 2004
				First Named Inventor	Larry F. Rhodes
				Group Art Unit	1752
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	4262-031384

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.	T <sup>2</sup>	
	AK	JEFFREY et al., "Metal complexes of hemilabile ligands. Reactivity and structure of dichlorobis(o-(diphenylphosphino)anisole)ruthenium(II)," <u>Inorg. Chem.</u> , 1979, pp. 2658-2666, Vol. 18, No. 10.		
	AL	BADER et al., "Coordination chemistry and catalysis with hemilabile oxygen-phosphorus ligands," <u>Coord. Chem. Rev.</u> , 1991, pp. 27-110, Vol. 108.		
	AM	SLONE et al., "The Transition Metal Coordination Chemistry of Hemilabile Ligands," <u>Prog. Inorg. Chem.</u> , 1999, pp. 233-350, Vol. 48.		
	AN	REICHMANIS et al., "Chemical Amplification Mechanisms for Microlithography," <u>Chem. Mater.</u> , 1991, pp. 394-407, Vol. 3.		
	AO	HAMAD et al., "Fluorinated Dissolution Inhibitors for 157 nm Lithography," <u>Advances in Resist Technology and Processing XIX, Proceedings of SPIE</u> , 2002, pp. 477-485, Vol. 4690.		
	AP	HAMAD et al., "Evaluation of Fluorinated Dissolution Inhibitors for 157 nm Lithography," <u>Advances in Resist Technology and Processing XX, Proceedings of SPIE</u> , 2003, pp. 558-568, Vol. 5039.		
	AQ	WILLSON et al., "Fluorinated Polymers and Dissolution Inhibitors for 157nm Microlithography," <u>Polymeric Materials: Science &amp; Engineering</u> , 2002, pp. 396-397, Vol. 87.		
	AR	CONLEY et al., "Dissolution Inhibitors for 157 nm Lithography: A Progress Report," <u>J. Photopolym. Sci. Technol.</u> , 2002, pp. 613-617, Vol. 15, No. 4.		
	AS	KUMARESWARAN et al., "Hydrovinylolation of Norbornene. Ligand-Dependent Selectivity and Asymmetric Variations," <u>Org. Lett.</u> , 2003, pp. 4345-4348, Vol. 5, No. 23.		
	AT	TRAN et al., "Metal-Catalyzed Vinyl Addition Polymers for 157 nm Resist Applications. 2. Fluorinated Norbornenes: Synthesis, Polymerization, and Initial Imaging Results," <u>Macromolecules</u> , 2002, pp. 6539-6549, Vol. 35.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.